

CHECK NO. **462559**

PURCHASE DOC NO.	DATE	INVOICE NO.	DESCRIPTION	AMOUNT
65204M	04/19/12	041612	INTER BASIN TRANSFER FEE	500.00

TOTAL: \$****500.00



EWTP000003

City of Kingsport, Tennessee

March 29, 2012

**Mr. Jim McAdoo
Environmental Protection Specialist, Permit Section
Division of Water Pollution Control
6th Floor, L & C Tower
401 Church Street
Nashville, TN 37243-1459**

Dear Mr. McAdoo,

**Please accept the following application for an Inter-Basin
Transfer Permit renewal on the behalf of the City of Kingsport.**

**Please review the following information. If you have any questions
please contact me at (423)-229-9452.**

Sincerely,

**Sam Thomason
Water Plant Superintendent**

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TN DIVISION OF WATER
Pollution Control



City of Kingsport, Tennessee

City of Kingsport

Board of Mayor and Alderman

Mayor: Dennis Phillips

Vice Mayor: Tom Parham

Alderman:

Valerie Joh

Jantry Shupe

Mike McIntire

Tom Segelhorst

John Clark

Prepared By:

Sam Thomason

Water Plant Superintendent

Prepared for:

State of Tennessee Department of Environment and Conservation

401 Church Street

L & C Annex, 6th Floor

Nashville, TN 37243-1534

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**TN Division of Water
Pollution Control**



City of Kingsport, Tennessee

Inter-basin Transfer

Application

City of Kingsport

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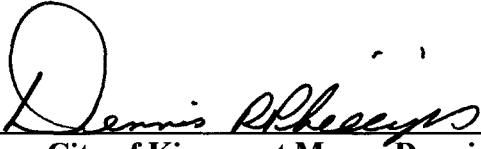
TN Division Of Water
Pollution Control

- a. The volume of proposed withdrawal and the proposed transfer stated in gallons per day that the applicant seeks to be authorized. The proposed permit will be for 150,000 gallons per day. The Town of Jonesborough will be the recipient of the transferred water.
- b. Identification of all of the withdrawal, return and transfer point. The withdrawal point is the South Fork Holston River at mile 6.2 (Map#1). The intake structure is located on John B. Dennis Parkway. There is only one transfer point for the Town of Jonesborough. A six -inch meter is located at 101 Butcher Town Road (Map #2).
- c. The volume of water that will be returned to the basin of origin or a downstream basin; none of the water sold to the Town of Jonesborough is expected to return to the Holston/Watauga River Basin.
- d. The peak capacity of each major component in the proposed withdrawal and transfer facilities; The peak capacity of the Kingsport water filtration plant is 28 million gallons per day. No changes will be necessary at the filtration plant to accommodate the increase water needed for the transfer. The maximum ninety day period during the period of July 1, 2010 through June 30, 2011 transferred water to the Town of Jonesborough was 104,900 gal. The request of 150,000 gallons was determined from our previous conversation and also as a precautionary measure to allow for unexpectedly high demands that may occur.
- e. Engineering and economic justification for the capacity of each major component of the proposed withdrawal and transfer facilities; the water being transferred comes from City of Kingsport's river intake located on the South Fork Holston River. It is pumped to the filtration plant and there made ready for consumption. High service pumps pull the water from the 1.5 million-gallon clear well and deliver the water to the distribution system. It will arrive at the transfer point through a series of pipes ranging in six from six to thirty inches. The water also passes through Colonial View pump station as well as Colonial View Tank. No changes are necessary at the filtration plant for the increase in transfer.
- f. An assessment of the hydraulic and environmental impacts of the withdrawal on the losing river; there will be no adverse hydraulic or environmental impacts on the South Fork Holston by the increase in transfer. The South Fork Holston River is a large river system with an average daily flow of approximately 3123 cubic ft./sec.
- g. An engineering, environmental and economic assessment of the feasibility of utilizing alternate water sources by the water system in the receiving basin; Jonesborough is currently unable to provide water to the Butcher Town Road area. Stewart's Hill, a .5 MG storage tank, serves a portion of this area. However, due to the elevation of the tank they are unable to consistently provide the minimum pressure required to the area. Town of Jonesborough has recently laid pipe out to the Butcher Town area, but is still experiencing pressure difficulties. The Town of Jonesborough has long term plans of erecting a 2-MG storage tank to help reduce the demand on the Stewart's Hill storage tank. This will alleviate pressure fluctuations in Butcher Town. Jonesborough will continue to utilize the Jonesborough Water Treatment Plant as the primary water source for its customers.



City of Kingsport, Tennessee

- h. A listing of conservation programs or practices occurring or proposed of the system in the receiving river basin; Jonesborough does not implement any formal water conservation program at this time. However, the Washington County school system does include water conservation in its curriculum.
- i. The proposed date upon which the water transfer is to commence; the inter-basin transfer from the Holston/Watauga Basin to the French Broad/Nolichucky Basin is an existing transfer.
- j. The purpose and justification for the proposed transfer; the transfer from the City of Kingsport will provide water to an area that Jonesborough is currently unable to provide. Jonesborough has future plans to provide water to the Butcher Town area. If successful the connection between the two utilities will remain for emergency situations.

Signed: 
City of Kingsport Mayor Dennis Phillips

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City Division of Water
Baltimore, Maryland

What Fees Are Required?

The application fees for individual inter-basin transfer permits shall be \$250.00 for a flow less than or equal to 125,000 gallons per day (GPD); \$500.00 for a flow greater than 125,000 GPD and less than or equal to 250,000 GPD; \$750.00 for a flow greater than 250,000 GPD and less than or equal to 375,000 GPD; and \$1,000.00 for a flow greater than 375,000 GPD and less than or equal to 500,000 GPD. Above 500,000 GPD, the fee shall be \$1,000 for each 500,000 GPD or fraction thereof. These flows shall be such flows authorized to be transferred by the permit. This shall be calculated based upon the maximum amount authorized by the permit. This fee shall apply to new applications, renewals, or those modifications that extend the term of the permit. If an applicant for a permit modification only seeks an increase of the amount authorized to be transferred for the same permit term, then the fee shall be calculated on the basis of the difference in the two amounts."

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